

What is Claimed Is:

1. A mounting hook comprising:

a first portion having a wire seating member;

a second portion substantially transverse to said first portion and having an  
5 aperture;

a third portion substantially transverse to said second portion and  
substantially parallel to said first portion; and

said first and third portions being disposed on substantially the same side of  
said second portion.

10 2. A mounting hook, as set forth in claim 1, wherein said wire seating member defines  
a through hole running longitudinally through said first portion of said mounting  
hook for receiving a mounting wire.

3. A mounting hook, as set forth in claim 1, wherein said third portion is a hooking  
member.

15 4. A mounting hook, as set forth in claim 1, wherein said mounting hook is made of  
plastic.

5. A mounting hook, as set forth in claim 1, wherein said aperture is a channel, said  
channel running longitudinally along said second portion.

20 6. A mounting hook, as set forth in claim 1, wherein said wire seating member is a  
channel running longitudinally along said first portion of said mounting hook for  
receiving a mounting wire.

7. A mounting hook, as set forth in claim 1, wherein said aperture is a through hole,  
said through hole running longitudinally through said second portion.

8. A mounting hook, as set forth in claim 1, wherein said mounting hook is made of a material selected from the group consisting of polyurethane, wood, rubber, graphite, and fiberglass.

9. A mounting hook comprising:

5 a first portion having a wire seating member;

a second portion having a wire channel running longitudinally along said second portion; and,

a third portion,

whereby said first, second, and third portions define a hook for holding a wire array in a seat frame.

10. A mounting hook comprising:

means for receiving a mounting wire;

means for keeping said mounting hook rotationally stationary relative to the wire; and,

15 means for keeping said mounting hook attached to a seat frame.

11. A wire array mountable on a seat frame comprising:

a flexmat member wherein said flexmat member is composed of a border wire and a plurality of inner supporting wires running throughout the configuration made by said border wire;

20 a plurality of mounting wires extending from said border wire; and,

a plurality of mounting hooks attached to said mounting wires wherein said mounting hooks contain:

a first portion having a wire seating member;

a second portion substantially transverse to said first portion and  
having an aperture; and,

a third portion substantially transverse to said second portion and  
substantially parallel to said first portion,

5                   said first and third portions being disposed on substantially the same  
side of said second portion.

12.    A wire array, as set forth in claim 11, wherein said aperture of said mounting hook is  
a channel, said channel running longitudinally along said second portion.

10       13.    A wire array, as set forth in claim 11, wherein said aperture of said mounting hook is  
a through hole, said through hole running longitudinally through said second  
portion.

14.    A wire array, as set forth in claim 11, wherein said wire seating member of said  
mounting hook has portions defining a through hole running longitudinally through  
said first portion of said mounting hook for receiving said mounting wire.

15       15.    A wire array, as set forth in claim 11, wherein said third portion of said mounting  
hook is a hooking member.

16.    A wire array, as set forth in claim 11, wherein said wire seating member of said  
mounting hook is a channel running longitudinally along said first portion of said  
mounting hook for receiving said mounting wire.

20       17.    A wire array, as set forth in claim 11, wherein said wire array is a support element in  
a bed mattress.

18. A wire array, as set forth in claim 11, wherein said mounting hooks are made of a material selected from the group consisting of polyurethane, wood, rubber, graphite, fiberglass, and plastic.

19. A wire array, as set forth in claim 11, wherein said mounting wires extend at  
5 predetermined angles from said border wire.

20. A method of assembling a wire array adapted for mounting on a seat frame comprising the steps of:

inserting a mounting wire into a wire seating member in a mounting hook;

sliding said mounting hook away from a wire end;

10 bending said wire end to a transverse angle forming a wire bend; and,

seating said wire bend in a channel in said mounting hook.

21. The method as set forth in claim 20, comprising the further step of:

configuring a mounting wire to engage a seat frame.

22. The method as set forth in claim 20, comprising the further step of:

15 configuring a mounting hook to engage a seat frame.

23. The method as set forth in claim 20, comprising the further step of:

bending a mounting wire to a predetermined angle prior to the first inserting  
step.

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